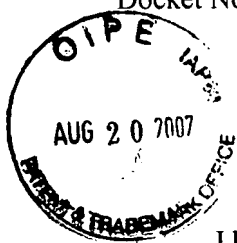


22W

Docket No. 37125/66060

PATENT



**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

**CERTIFICATE OF MAILING**

I hereby certify that this correspondence is being sent via First Class Mail to MAIL STOP POST ISSUE, U.S. Patent and Trademark Office, Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450, on AUGUST 14, 2007.

Matthew J. Himich  
Reg. No. 47,650

In re application of:  
El-Ibiary

10/675104

Patent No. 7,184,902

Issued: February 27, 2007

For: MOTOR PARAMETER ESTIMATION:  
METHOD AND APPARATUS

**TRANSMITTAL LETTER**

Submitted herewith for filing are the following documents:

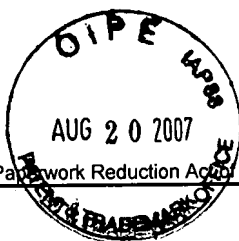
1. Statement under 3.73(b) filed in the above-referenced application; and,
2. A copy of the Revocation of Power of Attorney and Change of Correspondence Address which was filed on May 11, 2007.

Please file said documents and enter the change of Power of Attorney to Customer Number 021888 to ensure future notification of maintenance fees.

Respectfully submitted,  
Thompson Coburn LLP

By:

Matthew J. Himich, Reg. No. 47,650  
One US Bank Plaza  
St. Louis, MO 63101-1693  
314-552-6000 (phone)  
314-552-7000 (fax)  
Attorney for applicant



Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

**STATEMENT UNDER 37 CFR 3.73(b)**Applicant/Patent Owner: Reliance Electric Technologies, LLCApplication No./Patent No.: 7,184,902Filed/Issue Date: February 27, 2007Entitled: MOTOR PARAMETER ESTIMATION METHOD AND APPARATUSReliance Electric Technologies, LLCa limited liability company

(Name of Assignee)

(Type of Assignee, e.g., corporation, partnership, university, government agency, etc.)

states that it is:

1. ☒ the assignee of the entire right, title, and interest; or
2. ☐ an assignee of less than the entire right, title and interest.  
The extent (by percentage) of its ownership interest is \_\_\_\_\_ %

in the patent application/patent identified above by virtue of either:

- A. ☒ An assignment from the inventor(s) of the patent application/patent identified above. The assignment was recorded in the United States Patent and Trademark Office at Reel 014564, Frame 0839, or for which a copy thereof is attached.

OR

- B. ☐ A chain of title from the inventor(s), of the patent application/patent identified above, to the current assignee as follows:

1. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
2. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.
3. From \_\_\_\_\_ To: \_\_\_\_\_  
The document was recorded in the United States Patent and Trademark Office at Reel \_\_\_\_\_, Frame \_\_\_\_\_, or for which a copy thereof is attached.

☐ Additional documents in the chain of title are listed on a supplemental sheet.

- ☐ As required by 37 CFR 3.73(b)(1)(i), the documentary evidence of the chain of title from the original owner to the assignee was, or concurrently is being, submitted for recordation pursuant to 37 CFR 3.11.

[NOTE: A separate copy (i.e., a true copy of the original assignment document(s)) must be submitted to Assignment Division in accordance with 37 CFR Part 3, to record the assignment in the records of the USPTO. See MPEP 302.08]

The undersigned (whose title is supplied below) is authorized to act on behalf of the assignee.

Signature

August 14, 2007

Date

Matthew J. Himich

Printed or Typed Name

(314) 552-6299

Telephone Number

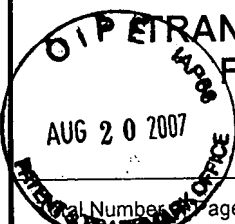
Attorney for Applicant

Title

This collection of information is required by 37 CFR 3.73(b). The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.14. This collection is estimated to take 12 minutes to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.

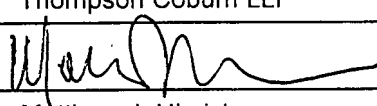
Under the Paperwork Reduction Act of 1995, no persons are required to respond to a collection of information unless it displays a valid OMB control number.

	Application Number	10/675104
	Filing Date	30-Sep-2003
	First Named Inventor	El-Ibiary, Yehia
	Art Unit	2863
	Examiner Name	Nghiem, Michael P.
	Attorney Docket Number	37125-66060
Patent Number		Pages in This Submission

**ENCLOSURES (Check all that apply)**

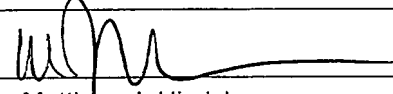
<input type="checkbox"/> Fee Transmittal Form <input type="checkbox"/> Fee Attached <input checked="" type="checkbox"/> The Commissioner is hereby authorized to charge any additional fees which may be required, or credit any over-payment, to Deposit Account Number <u>20-0823</u> . I have enclosed a duplicate copy of this sheet. <input type="checkbox"/> Amendment/Reply <input type="checkbox"/> After Final <input type="checkbox"/> Affidavits/declarations(s) <input type="checkbox"/> Extension of Time Request <input type="checkbox"/> Express Abandonment Request <input type="checkbox"/> Information Disclosure Statement <input type="checkbox"/> Certified Copy of Priority Document(s) <input type="checkbox"/> Reply to Missing Parts/Incomplete Application <input type="checkbox"/> Reply to Missing Parts under 37 CFR 1.52 or 1.53	<input type="checkbox"/> Drawing(s) <input type="checkbox"/> Licensing-related Papers <input type="checkbox"/> Petition <input type="checkbox"/> Petition to Convert to a Provisional Application <input checked="" type="checkbox"/> Power of Attorney, Revocation Change of Correspondence Address <input type="checkbox"/> Terminal Disclaimer <input type="checkbox"/> Request for Refund <input type="checkbox"/> CD, Number of CD(s) _____ <input type="checkbox"/> Landscape Table on CD	<input type="checkbox"/> After Allowance Communication to TC <input type="checkbox"/> Appeal Communication to Board of Appeals and Interferences <input type="checkbox"/> Appeal Communication to TC (Appeal Notice, Brief, Reply Brief) <input type="checkbox"/> Proprietary Information <input type="checkbox"/> Status Letter <input checked="" type="checkbox"/> Other Enclosure(s) (please identify below): Postcard
Remarks		

**SIGNATURE OF APPLICANT, ATTORNEY, OR AGENT**

Firm Name	Thompson Coburn LLP		
Signature			
Printed name	Matthew J. Himich		
Date	5/11/07	Reg. No.	47,650

**CERTIFICATE OF TRANSMISSION/MAILING**

I hereby certify that this correspondence is being facsimile transmitted to the USPTO or deposited with the United States Postal Service with sufficient postage as first class mail in an envelope addressed to: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450 on the date shown below:

Signature			
Typed or printed name	Matthew J. Himich	Date	5/11/07

This collection of information is required by 37 CFR 1.5. The information is required to obtain or retain a benefit by the public which is to file (and by the USPTO to process) an application. Confidentiality is governed by 35 U.S.C. 122 and 37 CFR 1.11 and 1.14. This collection is estimated to 2 hours to complete, including gathering, preparing, and submitting the completed application form to the USPTO. Time will vary depending upon the individual case. Any comments on the amount of time you require to complete this form and/or suggestions for reducing this burden, should be sent to the Chief Information Officer, U.S. Patent and Trademark Office, U.S. Department of Commerce, P.O. Box 1450, Alexandria, VA 22313-1450. DO NOT SEND FEES OR COMPLETED FORMS TO THIS ADDRESS. SEND TO: Commissioner for Patents, P.O. Box 1450, Alexandria, VA 22313-1450.

If you need assistance in completing the form, call 1-800-PTO-9199 and select option 2.



IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

**REVOCATION OF POWER OF ATTORNEY  
AND CHANGE OF CORRESPONDENCE ADDRESS**

I hereby revoke all previous powers of attorney given in the applications identified in attachment A hereto and I hereby appoint the practitioners associated with Customer Number 021888.

Please change the correspondence address associated with applications identified in attachment A hereto to the address associated with Customer Number 021888:

Thompson Coburn LLP  
One US Bank Plaza  
St. Louis, MO 63101  
314/552-6000 (phone)  
314/552-7000 (facsimile)

The undersigned is authorized to act on behalf of the assignee Reliance Electric Technologies, LLC.

Signed this MAY 4 day of 2007

R. Wayne Thurman

R. Wayne Thurman



Attachment A

Application Number	Filing Date	Title	Attorney Docket Number
09/938793	24-Aug-2001	SEALING SYSTEM FOR BEARING ASSEMBLY	37125-66048
09/946863	04-Sep-2001	METHOD AND APPARATUS FOR PRODUCING WINDING SLOT INSULATORS AND INSERTING SAME INTO THE STATOR CORE OF AN ELECTROMECHANICAL MACHINE	37125-66045
09/966487	28-Sep-2001	METHOD AND APPARATUS FOR INSTALLING BEARING SEALS AND BEARING INCORPORATING SAME	37125-66050
10/062801	31-Jan-2002	INDUSTRIAL EQUIPMENT COST ESTIMATION STSYEM AND METHOD	37125-66711
10/159074	31-May-2002	ROTATING BACK IRON FOR SYNCHRONOUS MOTORS/GENERATORS	37125-66134
10/201007	23-Jul-2002	SYSTEM AND METHOD FOR ESTIMATING ELECTRIC MOTOR OPERATING PARAMETERS	37125-66053
10/261449	30-Sep-2002	METHOD FOR MAKING ELECTRICAL STATOR AND STATOR MADE BY SAME	37125-66056
10/652958	29-Aug-2003	MOLDED POLYMERIC BEARING HOUSING AND METHOD FOR MAKING SAME	37125-66044
10/675035	30-Sep-2003	MOTOR COIL WINDING AND INSERTION METHOD AND APPARATUS	37125-66063
10/675104	30-Sep-2003	MOTOR PARAMETER ESTIMATION METHOD AND APPARATUS	37125-66060
10/675311	30-Sep-2003	SYSTEM FOR SECURING A MOTOR TRANSVERSELY TO A GEARBOX	37125-66064
10/761716	21-Jan-2004	JOINT ASSEMBLY FOR SUPERCONDUCTING MOTORS	37125-65910
10/781127	18-Feb-2004	METHOD FOR SEPARATING STATOR WINDINGS OF AN ELECTRIC MOTOR DURING MANUFACTURE	37125-66046
10/847002	17-May-2004	SYSTEM FOR MOUNTING A FIRST MEMBER IN A HOLLOW SECOND MEMBER	37125-66051
10/857334	28-May-2004	ELECTRICAL MACHINE COIL SPREADING METHOD AND APPARATUS	37125-66067
10/878066	28-Jun-2004	METHOD AND APPARATUS FOR DISSIPATING SHAFT CHARGE	37125-66710
10/878818	28-Jun-2004	INTEGRAL FIELD CUP AND FRONT END SHIELD FOR AN ELECTRIC BRAKE MOTOR	37125-66133
10/888056	09-Jul-2004	METHOD FOR MAKING AN ELECTRIC MOTOR STATOR	37125-66054
10/900247	27-Jul-2004	SHAFT AND HUB MOUNTING SYSTEM AND METHOD	37125-66052
10/909990	03-Aug-2004	OIL CIRCULATION RETENTION SYSTEM AND METHOD	37125-66071

Application Number	Filing Date	Title	Attorney Docket Number
10/925405	25-Aug-2004	METHOD FOR INSULATING ELECTRICAL WINDINGS	37125-66049
10/951349	28-Sep-2004	MOTOR LEAD SEALING SYSTEM AND METHOD	37125-66070
10/952191	28-Sep-2004	SHAFT COUPLING SYSTEM AND METHOD	37125-66074
10/955115	30-Sep-2004	MOTOR ROTOR COOLING WITH ROTATION HEAT PIPES	37125-66077
10/955209	30-Sep-2004	APPARATUS AND METHOD FOR FLYWHEEL BASED COOLING	37125-66072
10/955296	30-Sep-2004	BUSHING SYSTEM FOR POWER TRANSMISSION PRODUCTS	37125-66078
10/955638	30-Sep-2004	ANTI-ROTATION BEARING CUP RETAINER	37125-66081
10/955680	30-Sep-2004	HIGH MECHANICAL STRENGTH ELECTRICAL CONNECTION SYSTEM AND METHOD	37125-66076
10/955734	30-Sep-2004	INTEGRATED ELECTRIC MOTOR AND CONTROL SYSTEM AND METHOD	37125-66069
10/955868	30-Sep-2004	ELECTRIC MOTOR HAVING DIFFERENT STATOR LAMINATION AND ROTOR LAMINATION CONSTRUCTIONS	37125-66068
11/005258	06-Dec-2004	MOTORIZED PULLEY	37125-66079
11/079581	14-Mar-2005	HIGH POWER DENSITY SPEED REDUCER DRIVE SYSTEM AND METHOD	37125-66087
11/156827	20-Jun-2005	MOTOR WITH INTEGRATED DRIVE UNIT AND SHARED COOLING FAN	37125-65912
11/158952	21-Jun-2005	ENHANCED ELECTRICAL MACHINE COOLING	37125-66083
11/180255	13-Jul-2005	LAMINATION STACK COOLING PATH	37125-66066
11/230877	20-Sep-2005	FABRICATED ROTOR ASSEMBLY FIXTURE AND METHOD	37125-66080
11/232523	22-Sep-2005	PROTECTIVE LINK FOR SUPERCONDUCTING COIL	37125-65911
11/241012	30-Sep-2005	FLUID COOLED BEARING METHOD	37125-66086
11/241015	30-Sep-2005	MOTOR FRAME HAVING EMBEDDED COOLING COIL	37125-66085
11/241019	30-Sep-2005	LABYRINTHINE END DISK ROTOR	37125-66075
11/241835	30-Sep-2005	CURRENT MEASUREMENT APPARATUS	37125-65913
11/329795	11-Jan-2006	EXPLOSION-PROOF MOTOR WITH INTEGRATED SENSOR/LEAD HOUSING	37125-66091
11/329804	11-Jan-2006	EXPLOSION-PROOF MOTOR	37125-66092
11/374442	13-Mar-2006	GEAR ASSEMBLY	37125-66090
11/403649	13-Apr-2006	TOOL SYSTEM FOR MECHANICAL MOUNTING ASSEMBLY	37125-66084
11/422397	06-Jun-2006	EXTENDED CORE FOR MOTOR/GENERATOR	37125-66061
11/433654	12-May-2006	RF TAG FOR A MECHANICAL COMPONENT	37125-67820
11/438753	23-May-2006	COGGING REDUCTION IN PERMANENT MAGNET MACHINES	37125-66102
11/451892	13-Jun-2006	COMBINATION COMPRESSION/DIAPHRAGM COUPLING SYSTEM	37125-66095

Application Number	Filing Date	Title	Attorney Docket Number
11/510536	21-Aug-2006	LOAD INDICATING TAKE-UP FRAME	37125-66097
11/513522	31-Aug-2006	PUMP SYSTEM AND METHOD USING PLANETARY GEAR ASSEMBLY	37125-66098
11/513778	31-Aug-2006	SYSTEM AND METHOD OF CONTROLLING A PUMP SYSTEM HAVING A CLUTCH AND PLANETARY GEAR ASSEMBLY	32715-66099
11/515630	05-Sep-2006	SHAFT BEARING ATTACHMENT SYSTEM AND METHOD	37125-66094
11/519573	12-Sep-2006	TEMPERATURE DETECTION METHOD AND APPARATUS	37125-66062
11/520176	13-Sep-2006	FLEXIBLE SHAFT COUPLING SYSTEM AND METHOD	37125-66096
11/523919	20-Sep-2006	BEARING END COVER	37125-66100
11/526341	25-Sep-2006	HYDRAULICALLY POSITIONED SHAFT BEARING ATTACHMENT SYSTEM AND METHOD	37125-66101
11/526423	25-Sep-2006	FLANGE SHOULDERED SCREW-IN STUB SHAFT	37125-66103
11/540191	29-Sep-2006	SYSTEM AND METHOD FOR NON- DESTRUCTIVE TESTING OF ROTORS	37125-66093
11/540245	29-Sep-2006	SLEEVE MOUNTING SYSTEM AND METHOD	37125-66082
11/540358	29-Sep-2006	ELECTRIC BRAKING OF MACHINERY WITH A PLURALITY OF INVERTER-FED MOTORS	37125-66088
11/540378	29-Sep-2006	SYSTEM AND METHOD FOR COMPONENT MOUNTING	37125-66042
11/541303	29-Sep-2006	MOTOR HAVING INTEGRAL PROGRAMMABLE LOGIC CONTROLLER	37125-66089
11/644634	22-Dec-2006	MOTOR PARAMETER ESTIMATION METHOD AND APPARATUS	37125-66058
11/644654	22-Dec-2006	MOTOR PARAMETER ESTIMATION METHOD AND APPARATUS	37125-66059

Application Number	Filing Date	Title	Attorney Docket Number
PCT/US1995/ 007693	22-Jun-1995	APPARATUS FOR POSITIONING AN OPTICAL LINE OF SIGHT WITHIN A HEMISPHERIC REGION	37125-66149
PCT/US1995/ 012786	05-Oct-1995	BEARING ASSEMBLY UTILIZING IMPROVED CLAMPING ARRANGEMENT	37125-66150
PCT/US1996/ 000801	18-Jan-1996	APPARATUS FOR POSITIONING AN OPTICAL LINE OF SIGHT WITHIN A HEMISPHERIC REGION	37125-66147
PCT/US1996/ 010851	24-Jun-1996	SHAFT-CARRIED SPEED REDUCER HAVING ADAPTABLE MOUNTING ARRANGEMENT	37125-66257
PCT/US1996/ 08636	04-Jun-1996	ADAPTABLE MOUNTING ARRANGEMENT FOR SHAFT-CARRIED SPEED REDUCER	37125-66152
PCT/US1996/ 17827	05-Nov-1996	MONITORING SYSTEM FOR BEARINGS OR OTHER MECHANICAL COMPONENTS	37125-66153
PCT/US1999/ 08995	26-Apr-1999	SUPERCONDUCTOR ROTOR COOLING SYSTEM	37125-66157
PCT/US2001/ 015330	11-May-2001	HYBRID SUPERCONDUCTING MOTOR/GENERATOR	37125-66163
PCT/US2004/ 002471	29-Jan-2004	EXTENDED CORE FOR MOTOR/GENERATOR	37125-66188
PCT/US2006/ 024176	20-Jun-2006	ENHANCED ELECTRICAL MACHINE COOLING	37125-66192
PCT/US2007/ 000494	09-Jan-2007	EXPLOSION-PROOF MOTOR	37125-66193